

METEOROLOGICAL OBSERVATIONS.

JAMAICA.

YEAR 1930

The hours of observation are 7 a.m. and 3 p.m. The "Mean" refers to the day of 24 hours as deduced from these hours, (including the Maximum and Minimum Temperatures) for Tables at end.

Meridian of Longitude for calculation of time adopted
as Standard in the Colony

75° W.

Hours slow of Greenwich Mean Time

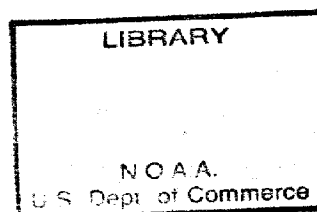
5

KINGSTON

Latitude 17°58'. N.

Longitude 76°48'. W.

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1930



National Oceanic and Atmospheric Administration

Climate Database Modernization Program

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LASON
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March 28, 2002

STATION—KINGSTON.

JANUARY, 1930.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind Direction and Velocity. In miles per hour.		Amount of Cloud.		Rain fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.
1	Ins. 29.975	Ins. 29.900	67.3	86.6	86.9	66.5	64	71	90	69	N. 3	S.E. 10	..	..	..
2	.948	.920	68.3	84.2	86.6	67.4	63	71	83	64	N.W. 2	S.E. 24	..	1	..
3	29.998	.953	68.5	82.7	84.0	67.7	64	73	88	73	N. 9	S.E. 15	..	10	..
4	30.011	.961	68.0	84.7	84.7	66.6	66	67	93	53	N. 3	S. 7	..	1	..
5	29.995	.935	69.4	85.4	85.5	66.6	63	64	82	49	N.E. 4	S.W. 9	3	4	..
6	.977	.908	65.8	82.0	85.5	64.8	63	67	88	62	N.E. 3	S.W. 3	..	10	..
7	.960	.918	69.0	76.1	81.0	68.3	66	72	90	86	N.E. 4	N. 7	..	10	0.07
8	.939	.900	67.6	82.4	83.9	66.6	66	67	93	61	N. 4	S. 4	3	10	..
9	.974	.904	66.2	83.9	83.9	63.7	60	67	80	58	N. 6	S.E. 8	10	..	..
10	.969	.927	66.1	81.5	83.2	64.7	57	65	73	58	N.E. 7	W. 4	..	10	..
11	.986	.940	72.3	81.9	83.3	69.8	62	67	71	59	N.E. 8	S. 3	10	10	..
12	.992	.924	72.0	84.5	85.2	71.5	64	71	76	64	N. 3	E. 20	7	8	..
13	.988	.932	69.9	85.1	85.2	68.1	64	68	82	57	N. 6	E. 15	..	3	..
14	.983	.926	69.0	83.7	84.5	68.1	63	72	83	67	N.E. 5	S.E. 18	..	1	..
15	.988	.930	72.3	83.8	84.4	71.3	66	70	83	63	N. 4	E. 20	2	10	..
16	.952	.885	71.3	83.2	84.1	70.7	66	70	85	67	N.E. 4	S.E. 15	..	..	..
17	.968	.904	68.2	84.3	85.0	67.6	64	73	87	70	N. 5	S.E. 20	..	..	0.01
18	29.992	29.976	72.4	85.0	85.0	71.5	71	72	94	64	S.E. 6	S.E. 13	4	7	..
19	30.072	30.000	71.9	85.6	85.7	70.9	68	70	86	58	N.W. 5	S. 9	10	1	..
20	.076	29.981	71.7	83.9	84.8	69.1	66	72	82	66	N. 3	S.E. 15	9	1	..
21	.039	.976	68.0	81.5	83.1	65.9	64	69	88	67	N.E. 3	S.E. 17	10	9	..
22	.037	29.982	67.3	84.6	84.7	66.6	62	64	83	51	N. 5	E. 20	..	7	..
23	.055	30.008	67.2	84.9	86.0	66.3	61	72	80	64	N. 6	S.E. 11	..	8	..
24	.061	.004	67.4	78.7	82.5	66.5	65	72	91	77	N. 1	S.E. 10	..	10	11
25	.055	30.019	66.4	76.3	83.8	65.7	63	71	88	83	N. 2	N.W. 4	..	10	0.57
26	.032	29.973	65.0	83.2	84.2	64.4	63	69	91	61	N.E. 4	W. 10	..	8	..
27	.017	.984	66.3	83.3	84.8	65.4	63	70	88	64	N.E. 3	E. 25	..	..	..
28	.037	.948	67.6	83.8	84.8	66.9	64	66	88	54	N. 3	S.E. 20	..	..	..
29	.019	.930	67.5	81.5	81.8	66.3	60	67	79	63	S.E. 10	S.E. 20	10	..	0.14
30	.016	29.960	64.9	81.9	83.5	64.0	59	68	80	64	N.E. 7	S.E. 17	..	2	..
31	30.021	30.012	68.0	81.2	82.6	66.4	61	67	80	64	N.W. 4	S. 4	2	10	..
Mean	30.004	29.949	68.5	82.9	84.3	67.3	64	69	85	64	N.N.E. 4.6	S.E. 12.8	2.6	5.2	..
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.90

Barometer pressure reduced to the Standards of National Physical Laboratory 32°, Gravity of Lat. 45° and to Mean Sea Level. The 75th Meridian West of Greenwich, Standard Time used. Altitude of Standard Barometer above M.S.L. 24 ft. Height of Thermometers above the ground, 4 ft. Height of Rain-gauge above the ground 51 ft. Height of Anemometer above the ground 69 ft. Velocity given in miles per hour.

A fine month with clear mornings; somewhat overcast in the afternoons. Rainfall a little above the 60-year normal. Cooler during the latter half of the month, S.E. wind continued until 7 p.m. on 12 days. Rainfall upper Kingston 0.51 inch with 7 rainy days. Moderate "norther" of short duration on 4 occasions.

STATION—KINGSTON.

FEBRUARY, 1930.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind Direction and velocity In miles per hour.		Amount of Cloud.		Rain fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.
	Ins.	Ins.	°	°	°	°	°	°	%	%					
1	30.041	29.963	68.1	82.7	83.6	67.3	66	67	92	58	N.	3 S.	5	7	..
2	29.966	.946	65.1	81.2	84.2	65.1	61	70	87	69	N.	5 S.E.	8	..	10
3	.986	.942	66.7	78.7	80.2	66.1	64	71	88	76	N.	4 N.	4	..	10 0.08
4	.981	.904	67.2	82.2	82.8	66.1	64	67	91	61	N.	2 S.E.	20	2	..
5	.954	.819	64.6	81.9	82.8	63.8	60	68	85	64	N.E.	7 S.E.	15	..	9
6	.971	.953	68.4	83.5	84.0	66.7	63	70	83	66	N.	5 S.E.	15	..	9
7	.957	.909	66.7	82.2	83.6	66.1	63	69	87	65	E.	7 S.E.	20	..	10
8	29.993	.972	66.5	80.5	84.1	65.9	59	68	80	66	N.	2 S.E.	4	..	10
9	30.044	.990	69.2	82.9	84.8	67.8	63	67	82	59	N.W.	3 S.W.	7	5	9
10	30.008	.950	71.9	84.2	84.8	70.6	70	70	93	62	S.E.	10 S.E.	30	10	3
11	29.977	.906	71.4	85.8	88.1	68.8	65	69	81	56	N.	6 S.E.	10	2	.. 0.01
12	.950	.893	72.6	78.7	84.2	71.8	68	71	85	76	N.	2 S.E.	24	8	10 0.05
13	.923	.886	67.2	80.7	82.8	66.6	65	71	95	73	N.	3 S.E.	10	2	10
14	.914	.887	68.6	82.7	84.8	67.1	65	71	88	67	N.E.	7 S.E.	12	9	10
15	.922	.856	67.1	79.7	82.9	67.7	67	67	89	64	N.E.	2 S.E.	15	6	10
16	.940	.899	69.4	83.2	85.0	68.3	64	70	85	64	N.E.	3 S.E.	20	6	2
17	.968	.932	69.0	83.0	84.7	68.1	63	71	82	68	N.	4 S.	6	9	10
18	.983	.929	71.2	82.0	82.1	70.6	67	70	87	67	N.E.	2 S.E.	5	7	6
19	.967	.922	69.4	80.2	85.3	68.7	65	71	88	74	N.E.	3 N.	10	9	10 0.06
20	.991	.955	70.4	75.1	80.7	69.8	68	72	92	91	N.E.	5 N.	9	9	10 0.14
21	.980	.979	70.0	78.6	83.6	67.9	68	70	93	74	N.	1 E.	9	10	10 0.34
22	.980	.938	67.2	80.4	81.0	66.6	66	69	97	68	N.	3 S.E.	8	..	10
23	.964	.898	67.9	84.1	84.1	66.7	66	66	93	54	N.E.	4 S.	5	..	..
24	29.936	.954	64.9	82.9	84.2	64.2	60	67	82	58	N.E.	6 E.	6	..	8
25	30.005	.947	66.3	85.3	85.3	65.3	62	66	87	53	N.E.	4 S.E.	10	4	..
26	.047	.976	66.9	84.7	86.1	65.5	63	69	86	59	N.E.	6 S.E.	15	3	10
27	30.028	.974	70.1	81.8	85.3	66.3	66	69	86	65	N.	6 S.E.	15	10	10
28	29.994	29.952	65.9	86.4	87.8	64.6	64	60	91	43	N.	3 S.E.	12	..	8
Mean	29.977	29.930	68.3	82.0	84.0	67.1	64	69	88	65	N.N.E.	4.2 S.E.	11.7	4.2	7.4
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.68

Rainfall slightly above normal: Rain observed to northward and eastward 11 days. Rain to seaward 2 days. Distant lightning to westward on 25th. S.E. squall on 6th. S.E. wind continued until after 7 p.m. on 11 occasions. Overcast 8 occasions in forenoon and 19 occasions in afternoon. Fresh "norther" on 20th. Maximum temperature below 90° throughout. Rainfall upper Kingston 1.03 inch with 9 rainy days.

STATION—KINGSTON.

MARCH, 1930.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind. Direction and Velocity. In miles per hour.		Amount of Cloud.		Rain-fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.
	Ins.	Ins.	°	°	°	°	°	°	%	%					
1	30.037	29.976	67.2	85.0	85.7	66.2	62	68	85	56	N.	6 S.E.	20	8	..
2	..057	30.000	66.2	78.7	82.0	65.5	60	68	81	70	N.	6 S.E.	4	10	..
3	30.001	29.908	68.2	83.1	83.5	67.6	64	67	87	59	N.	4 S.E.	9	4	0.08
4	29.981	.927	69.2	84.2	86.8	65.2	66	65	89	53	N.W.	15 N.	24	1	..
5	30.007	.932	67.7	83.1	83.5	67.1	59	63	73	52	N.	9 S.	6	7	..
6	29.946	.844	67.0	83.3	84.3	66.0	61	71	82	67	N.	3 S.E.	15	..	..
7	.848	.786	67.0	84.0	85.7	65.9	62	72	85	67	N.	3 S.E.	20	..	..
8	.852	.859	78.4	83.1	84.6	76.9	72	73	79	71	S.E.	9 S.E.	8	10	..
9	.943	.912	71.6	85.2	85.7	70.5	67	73	86	68	N.	3 S.E.	7	..	0.84
10	.918	.873	70.4	83.5	85.2	69.6	69	71	98	68	N.	2 S.E.	15	2	..
11	.916	.859	70.8	82.6	84.7	69.4	68	71	89	70	N.	3 S.E.	17	10	..
12	.953	.896	69.2	87.3	87.3	68.1	66	70	90	58	N.	4 S.E.	9	4	..
13	.974	.924	73.6	83.0	84.8	72.1	70	65	88	56	N.	4 S.E.	20	3	0.01
14	.977	.928	71.4	84.8	86.2	69.9	65	69	81	58	N.E.	4 S.E.	30	7	2
15	.951	.903	71.1	81.7	84.5	70.1	64	70	78	68	N.E.	7 S.E.	20	4	..
16	.939	.881	69.6	85.4	85.6	68.2	67	68	91	56	N.	2 S.	8	8	..
17	.921	.869	74.2	84.8	86.0	72.1	69	72	86	65	N.E.	3 S.	10	5	5
18	.915	.853	70.9	86.5	87.4	69.2	66	69	86	56	N.	6 S.E.	9	2	0.03
19	.956	.913	73.7	83.8	84.9	73.2	72	72	93	68	N.E.	4 S.E.	25	10	..
20	.975	.904	71.2	84.2	85.3	69.9	67	71	88	64	N.E.	6 S.E.	15	1	..
21	.947	.860	71.2	85.1	87.4	70.0	68	73	90	67	N.	3 S.E.	7	10	..
22	.877	.817	70.7	85.2	86.4	69.1	69	69	92	59	N.E.	3 S.E.	13	7	..
23	.901	.859	74.7	83.4	86.4	68.5	70	71	87	67	N.	5 S.E.	12	10	..
24	.897	.828	72.6	85.4	86.1	71.3	66	68	78	57	S.E.	12 S.E.	20	2	..
25	.867	.828	77.5	85.0	85.6	70.5	69	70	78	62	S.E.	15 S.E.	20	..	..
26	29.975	.911	69.4	83.7	86.1	68.1	63	72	79	66	N.E.	4 S.E.	30	1	10
27	30.026	.946	70.1	84.0	84.8	68.8	64	69	81	57	N.	6 S.E.	30	9	9
28	29.984	.892	72.2	84.7	86.0	69.8	61	69	68	58	S.E.	12 S.E.	20	..	..
29	.922	.860	71.9	84.3	86.4	69.8	65	72	77	68	N.E.	5 S.E.	20	..	..
30	29.944	.925	74.2	85.0	85.9	72.7	69	73	82	67	N.E.	4 S.E.	15	10	..
31	30.035	30.006	71.1	86.3	86.4	69.0	65	71	79	61	N.E.	4 S.E.	12	8	5
Mean	29.950	29.893	71.1	84.2	85.5	69.4	66	70	84	63	N.E.	5.7 S.E.	14.5	2.3	4.3
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.96

Rainfall slightly above normal. Distant rain to N. 1 day, to N.E. 2 days, to E. and N.W. 1 day. Fresh to brisk "norther" on 4th and 5th, overcast 7 a.m. 5 occasions—3 p.m. 10 occasions. S.E. wind early on 4 days, and continued until after 7 p.m. on 22 occasions. Solar halo on 26th at about noon. Slight earthquake on 3rd and 6th and sharp shock on 21st. Rainfall upper Kingston 0.97 inch. 5 rainy days.

STATION—KINGSTON.

APRIL, 1930.

Day.	Barometer		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind Direction and Velocity. In miles per hour.			Amount of Cloud.		Rain-fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.		7 a.m.	3 p.m.	Ins.
	Ins.	Ins.	°	°	°	°	°	°	%	%						
1	30.042	29.983	72.3	87.8	89.6	70.4	66	69	83	52	N.	4	S.E.	12	10	..
2	30.042	.984	70.7	84.9	86.2	68.8	65	69	82	57	N.	9	S.E.	20	10	..
3	29.988	.927	71.4	81.3	83.5	69.7	65	71	81	72	N.E.	2	S.E.	13	10	..
4	.963	.929	69.1	83.2	86.0	67.2	64	70	85	60	N.E.	5	S.E.	17	10	..
5	.979	.918	71.6	81.9	85.8	69.4	68	71	86	68	N.	4	S.E.	12	10	..
6	29.974	.915	71.1	85.4	86.0	68.8	65	70	81	61	N.	3	S.E.	15	3	..
7	30.006	.947	70.7	83.2	87.2	67.9	64	70	77	66	N.	9	S.E.	20	10	..
8	30.009	.948	73.9	76.1	87.2	68.8	65	72	73	88	N.	9	N.W.	12	6	0.03
9	29.980	.928	70.8	80.1	85.4	68.7	67	74	88	82	E.	3	S.E.	3	10	..
10	.947	.901	74.0	86.6	87.0	71.7	69	72	84	60	N.E.	4	N.W.	9	10	0.33
11	.953	.942	71.6	75.4	81.3	71.0	71	73	98	93	N.	6	E.	2	10	0.61
12	.985	.967	71.2	77.8	78.4	70.2	69	73	95	84	N.E.	7	N.	3	10	..
13	.990	.919	72.0	80.7	84.0	69.1	69	71	90	72	N.	6	S.E.	20	4	..
14	.946	.886	70.6	82.0	84.7	68.1	66	67	84	62	N.	3	S.E.	20	10	..
15	.949	.894	73.2	82.2	85.2	69.8	68	69	83	64	S.E.	15	S.E.	30	9	..
16	.946	.923	73.9	83.3	86.4	71.8	69	73	83	72	N.	5	E.	9	10	0.13
17	.972	.955	73.3	81.2	85.7	71.8	70	74	90	74	N.	3	E.	20	3	..
18	.989	.914	71.7	82.0	86.2	69.2	68	72	87	70	N.W.	4	S.E.	20	10	00.1
19	.942	.901	73.1	80.5	84.4	69.9	68	73	84	78	N.	3	E.	12	4	..
20	.944	.886	73.2	82.2	85.8	69.6	69	71	87	69	N.E.	3	E.	20	10	..
21	.936	.878	72.7	83.4	84.4	69.7	69	70	88	64	N.	4	E.	15	7	..
22	.933	.880	73.4	81.6	85.4	69.9	68	66	82	59	N.	2	S.E.	9	10	0.07
23	.941	.883	71.7	83.7	84.8	68.9	70	68	91	59	N.E.	2	S.E.	10	8	..
24	.891	.838	72.4	84.6	85.4	68.9	68	72	86	64	S.E.	2	S.E.	8	..	..
25	.870	.777	75.9	85.0	86.8	71.7	71	73	84	69	N.	3	S.	7	9	..
26	.857	.819	76.4	86.4	88.1	72.8	68	73	77	66	N.E.	3	S.E.	10	3	..
27	.905	.847	77.8	86.3	87.8	73.1	71	75	80	70	N.E.	6	S.E.	23	10	..
28	.918	.853	77.3	86.8	89.2	74.3	70	73	80	63	S.E.	10	S.E.	24	7	..
29	.872	.816	77.4	86.2	88.2	74.1	69	72	77	64	N.	3	S.E.	24	2	..
30	29.892	29.847	74.9	84.0	87.0	71.1	67	73	78	70	N.E.	7	E.	12	10	..
Mean	29.952	29.900	73.0	82.9	85.8	72.0	68	71	84	69	N.N.E.49	S.E. 14.4				..
Total	..	..	..	..	..	..	..	..	..	..	..	..		3.9	7.9	1.18

Rainfall slightly above normal. Rain to N, N.E. and E. on 6 days. Vivid distant lightning to N.E. on 25th. Distant thunderstorm to N. on 16th, to N.E. on 25th. Distant thunderstorm to N. on 16th and 17th. S.E. wind continued until after 7 p.m. on 23 days, overcast early mornings on 9 occasions and in the afternoon on 23 occasions. Solar halo on 15th, 17th, 18th, 25th and 26th. Very fine and complete on the 25th. Lunar halo on the 8th. Rainfall upper Kingston 1.74 inch with 7 rainy days.

STATION—KINGSTON.

MAY, 1930.

Day.	Barometer		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind Direction and Velocity in miles per hour.		Amount of Cloud.		Rain-fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.
	Ins.	Ins.	°	°	°	°	°	°	%	%					
1	29.906	29.919	76.7	77.0	87.2	74.3	72	70	84	80	N.E. 4	E. 9	10	10	0.07
2	.943	.890	73.7	83.0	86.0	68.6	69	71	82	68	N. 2	S.E. 8		9	
3	.915	.874	75.9	83.2	88.2	70.8	70	74	81	74	N. 6	S.E. 15	2	10	
4	.881	.848	75.9	83.2	87.6	72.4	72	75	86	77	N. 5	S.E. 12		10	0.02
5	.880	.805	74.7	88.5	89.8	71.1	71	72	85	59	N.W. 6	S.E. 20			
6	.927	.864	78.9	84.4	88.0	73.4	71	72	75	67	S.E. 6	S.E. 20		10	
7	.930	.850	78.2	84.3	88.5	71.6	70	72	76	66	N. 3	S.E. 24	2	10	
8	.901	.878	76.5	77.8	88.6	71.0	67	71	76	80	N.E. 5	E. 8		10	
9	.912	.834	77.2	78.8	88.2	70.5	69	68	79	68	N. 5	E. 12		10	0.01
10	.889	.842	72.7	86.0	87.4	68.3	68	75	83	70	N. 3	S.E. 15		2	
11	.931	.927	75.4	78.0	88.2	69.6	68	75	79	90	N. 6	N. 6		10	0.86
12	29.998	.969	76.2	82.4	88.4	70.8	71	75	83	80	N.E. 2	E. 6	10	10	
13	30.005	.917	75.7	87.1	88.0	73.2	72	74	86	66	N.E. 2	S. 3	10	10	
14	29.931	.875	78.6	85.8	87.4	73.1	71	74	80	67	N. 6	S.E. 15	2	9	
15	.920	.887	76.2	86.1	88.4	71.6	70	73	82	65	N. 5	S.E. 20		2	
16	29.985	.964	77.7	90.1	91.0	73.3	71	71	80	54	N.E. 4	S.E. 20			
17	30.031	.980	80.0	89.0	91.2	73.4	70	69	72	51	N.W. 4	S.E. 24			
18	.057	.985	77.2	89.2	90.3	71.8	68	67	73	50	N. 4	S.E. 24			
19	.046	.990	75.0	85.0	88.5	73.1	69	73	80	68	N. 4	S.E. 17	10	8	
20	.060	.993	75.9	84.7	87.7	71.2	67	73	73	69	N. 5	S.E. 12	4	10	
21	30.005	.907	77.0	86.2	88.2	69.9	66	71	69	62	N. 3	E. 24		4	
22	29.953	.874	78.2	84.2	88.9	72.2	69	73	74	70	N.W. 2	S.E. 20	4	10	
23	.917	.885	77.3	87.2	89.0	71.0	68	72	76	63	N. 2	S.E. 17	10	8	
24	.964	.932	77.2	85.4	88.8	74.9	69	73	79	68	N. 4	S.E. 20	10	10	
25	.958	.901	77.4	87.9	90.7	75.3	68	73	75	60	N.W. 4	S.E. 24	3		
26	.962	.903	79.2	86.2	89.2	73.2	68	73	70	65	N. 4	S.E. 30	5		
27	.994	.920	80.9	87.4	90.1	74.0	70	72	69	63	N.E. 5	S.E. 30			
28	.974	.913	80.4	86.4	89.2	74.2	70	75	73	69	N.E. 6	S.E. 24			
29	.926	.864	79.0	85.3	87.2	73.9	70	73	74	68	S.E. 10	S.E. 20	10	8	
30	.874	.882	81.7	85.8	86.8	77.6	70	72	67	63	S.E. 20	S.E. 24	1		
31	29.965	29.930	82.0	85.9	87.7	74.9	70	74	67	67	S.E. 12	S.E. 17	3		
Mean	29.954	29.903	77.4	84.9	88.5	72.4	69	72	77	67	N.E. 5.1	S.E. 17.4	3.0	5.9	
Total															0.96

Rainfall less than one-fourth of average. Rain on hills to N. 9 days, to N.E. 3 days, to E. 3 days, to N.W. 1 day. Distant thunderstorm to N. 8 occasions, to E. 1 occasion, to N.W. 1 occasion. Local thunderstorm on 1st, 8th and 9th. S.E. wind early on 4 occasions, and late (after 7 p.m.) on 17 occasions—continued throughout the night on 3 occasions. Overcast early morning on 7 occasions, and in the afternoon on 18 occasions. Partial solar halo on 23rd. Rainfall upper Kingston 0.51 inch, 6 rainy days.

STATION—KINGSTON.

JUNE 1930.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind Direction and		Amount of Cloud.		Rain fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 a.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.
	Ins.	Ins.	°	°	°	°	°	°	%	%					
1	29.988	29.919	80.7	85.3	86.7	73.4	70	73	69	67	N.E. 5	S.E. 24	1	1	..
2	.957	.903	78.4	84.9	88.3	72.1	67	73	69	69	N.E. 5	S.E. 20	8	8	..
3	.975	.902	74.7	86.9	88.8	72.8	68	71	80	58	N.E. 2	S.E. 30	2	2	..
4	.969	.912	74.2	86.2	88.6	72.5	68	72	81	62	N.E. 4	S.E. 20	8	10	0.01
5	.976	.927	77.9	87.0	87.4	74.7	70	71	75	58	N. 3	S.E. 20	9	10	..
6	.979	.959	77.2	84.4	88.5	72.7	68	71	76	64	E. 2	S.E. 9	4	10	..
7	.939	.926	75.9	79.5	86.9	72.3	68	72	77	79	N. 5	S.E. 20	8	10	0.03
8	.916	.875	76.0	85.3	88.5	72.3	71	69	83	57	S.E. 9	S.E. 15	10	10	0.15
9	.916	.915	74.2	75.2	80.6	73.2	72	74	94	95	N. 8	N. 2	10	10	0.51
10	.913	.885	73.2	79.7	85.9	70.7	70	74	90	79	N. 5	S.E. 15	10	10	0.08
11	.887	.868	75.9	80.4	86.8	73.1	73	73	90	79	N. 3	N.E. 4	10	10	..
12	.856	.811	75.1	80.3	87.9	73.1	71	74	88	83	N. 4	S.E. 10	10	10	..
13	.863	.838	75.7	85.8	87.2	73.3	73	76	91	72	N. 2	S.E. 12	10	8	..
14	.896	.873	80.2	83.2	86.6	76.1	74	75	83	77	S.E. 10	S.E. 17	2	10	..
15	.939	.888	78.2	86.9	87.2	72.7	73	73	83	63	S.E. 14	S.E. 15	10	1	..
16	.727	.837	78.7	86.8	89.0	72.4	69	75	73	67	S.E. 10	S.E. 24	..	..	..
17	.883	.845	81.2	87.0	87.5	75.8	72	75	75	67	S.E. 15	S.E. 24	10	2	0.04
18	.923	.893	80.9	87.4	88.1	79.1	75	73	80	63	S.E. 20	S.E. 24	4	..	..
19	.953	.927	82.6	87.0	90.2	76.7	70	72	66	60	S.E. 15	S.E. 17	6	9	..
20	.992	.963	79.2	87.5	90.8	75.3	69	74	73	65	N.E. 4	S.E. 20	..	..	..
21	.991	.924	77.9	85.6	88.7	73.2	68	75	70	71	N.W. 2	S.E. 11	..	4	..
22	.963	.916	79.2	87.2	87.7	74.6	71	73	77	63	N. 3	E. 12	8	1	..
23	.947	.895	78.0	87.5	88.9	72.4	69	73	74	64	N. 2	S.E. 20	..	6	..
24	.937	.917	80.0	81.7	89.5	74.8	71	73	74	74	N. 5	N. 5	1	10	..
25	.947	.903	77.6	86.0	88.8	75.3	71	75	80	68	N. 7	S.E. 24	9	10	..
26	.953	.914	79.6	87.2	91.6	74.7	71	73	74	64	N. 5	S.E. 17	7	10	..
27	.944	.881	78.9	91.0	91.6	74.6	70	74	74	50	N. 5	S.E. 20	1	..	..
28	.950	.890	78.3	88.8	91.4	73.7	67	70	70	53	N.E. 4	S.E. 24	..	..	..
29	.984	.930	78.0	90.2	92.4	72.8	66	69	68	51	N. 5	S.E. 30	..	..	..
30	29.992	29.928	77.2	90.6	90.7	74.7	68	70	74	51	N. 2	S.E. 20	8	..	..
Mean	29.942	29.899	77.8	85.4	88.4	73.8	70	73	78	66	E.N.E. 62	S.E. 17.5	5.2	5.7	..
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.82

Rainfall one-fourth of average Maximum temperature over 90 degrees on 7 days. Rain to N. on 5 days, to N.E. on 3 days, to E. on 6 days, to S.E. on 3 days, to seaward and S.W. 1 day each, Distant lightning to N. on 4 days, to N.E., E., and S.E. 1 day each; S.E. wind early on 5 occasions and after 7 p.m. on 21 occasions and continued all night on two occasions. Overcast early morning on 15 occasions and in afternoon on 16 occasions. Dense haze prevailed during latter half of month. Lunar halo on 19th. Solar halo on 26th. Rainfall upper Kingston 1.01. 8 rainy days.

STATION—KINGSTON.

JULY, 1930.

Day.	Barometer		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind Direction and velocity. In miles per hour.			Amount of Cloud.		Rain-fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.		3 p.m.	7 a.m.	3 p.m.	Ins.
	Ins.	Ins.	°	°	°	°	°	°	%	%						
1	29.915	29.839	80.9	89.0	92.4	75.5	71	71	72	56	N.W.	4	S.E.	30	8	..
2	.901	.85	478.2	85.5	88.8	75.1	70	72	76	65	N.	6	S.E.	20	10	10
3	.909	.859	79.5	90.2	91.2	75.8	68	64	66	42	E.	5	S.E.	24	..	..
4	.954	.884	78.2	91.3	91.6	74.7	71	72	78	52	N.	4	S.E.	17	10	7
5	.956	.884	79.6	90.9	92.6	75.9	69	72	70	54	N.W.	4	S.E.	22	2	5
6	.952	.893	78.5	86.2	90.3	78.7	67	75	69	70	N.E.	3	S.E.	26	..	1
7	.944	.886	79.7	89.0	89.3	75.1	70	71	73	64	N.E.	4	S.E.	20	..	1
8	.974	.953	79.2	78.0	91.6	74.1	67	74	67	88	N.	4	S.E.	17	8	10
9	.936	.902	76.4	87.5	87.7	74.0	70	68	81	54	N.	3	S.E.	20	..	2
10	.909	.861	76.5	81.6	88.6	72.3	66	74	71	77	N.	2	S.E.	17	..	10
11	.916	.873	76.4	88.6	89.4	73.7	70	74	82	61	N.	6	S.E.	17	10	5
12	.934	.906	76.9	88.3	88.4	75.2	73	71	85	58	N.	3	S.E.	15	9	10
13	.922	.850	75.9	88.2	90.6	73.2	69	69	79	53	N.	6	S.E.	25	10	10
14	29.919	.884	76.5	87.7	89.6	72.1	67	74	72	62	N.	4	S.E.	30	3	..
15	30.002	.955	77.1	89.2	91.7	73.0	66	74	69	61	N.	1	S.E.	28	..	8
16	30.034	.947	78.5	87.1	89.1	75.1	70	76	75	68	N.E.	2	S.E.	30	..	..
17	29.982	.923	77.0	81.4	87.0	75.6	72	75	83	83	N.E.	2	S.E.	17	9	10
18	29.940	.926	74.2	86.5	86.6	72.4	69	71	86	59	N.	4	S.E.	15	10	10
19	30.012	.947	76.7	87.1	88.7	73.3	71	76	81	68	N.	6	S.E.	24	10	10
20	.034	.950	80.4	88.9	89.0	74.6	70	75	72	63	W.	3	S.E.	20	10	6
21	.000	.952	78.7	86.7	88.7	74.8	72	73	80	62	W.	3	S.E.	20	4	10
22	.031	.984	76.2	89.0	89.2	72.2	69	68	79	50	E.	2	S.E.	30	..	..
23	30.033	.975	75.3	85.7	89.6	72.0	66	75	71	69	N.E.	3	S.E.	30	..	10
24	29.990	.962	75.1	83.0	86.1	74.8	72	70	89	65	S.E.	15	S.E.	7	10	10
25	.988	.936	75.7	86.7	90.4	70.7	67	75	75	67	N.E.	8	S.E.	30	..	9
26	29.986	.989	76.4	80.4	89.2	74.1	68	74	78	82	N.W.	5	S.E.	9	2	10
27	30.016	.970	77.3	88.4	88.6	74.9	70	74	80	62	N.	2	S.E.	20	10	7
28	29.970	.888	77.0	86.4	88.0	74.4	72	74	84	67	N.	2	S.E.	20	10	8
29	.920	.891	77.2	87.0	89.0	74.6	71	71	82	59	N.E.	1	S.E.	20	..	2
30	.963	.910	77.7	91.8	92.2	74.1	68	62	71	38	N.W.	4	S.E.	25	..	10
31	29.978	29.890	78.2	89.1	89.4	75.7	69	70	74	53	E.	5	S.E.	30	10	8
Mean	.964	.914	77.5	87.0	89.5	74.1	69	72	76	62	N.N.E.	4.1	S.E.	21.8	4.7	6.7
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.33

Rainfall one-fifth of normal. Rain on hills to N. 6 days, to N.E. 4 days, to E. 3 days, to S.E. 1 day, to N.W. 2 days. Distant lightning to N.E. 2 nights, to E. 1 night, to S.E. 1 night. Distant thunderstorm to N. 4 days, to N.E. 2 days, to E. 2 days, to S.E. 1 day, to N.W. 1 day. Vivid lightning to N.E. on 26th. Local thunderstorm on 8th. S.E. wind early on 2 days, to S.E. 1 day, to N.W. 1 day. S.E. rain squall on 21st and 26th. Overcast in morning 14 days and in afternoon 18 days. General haze almost throughout early morning. Moderate earthquake on 27th. Rainfall upper Kingston 0.84 inch. 8 rainy days.

STATION—KINGSTON.

AUGUST, 1930.

Day.	Barometer		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind Direction and Velocity. In miles per hour.		Amount of Cloud.		Rain-fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.
	Ins.	Ins.	°	°	°	°	°	°	%	%					
1	29.928	29.853	77.9	89.1	91.9	73.8	70	73	75	60	N. 6	S.E. 27	..	..	..
2	.946	.878	77.2	90.4	92.6	74.0	71	70	79	53	N. 4	S.E. 30	..	..	..
3	29.984	.951	78.7	88.2	91.3	74.6	70	75	73	66	N. 2	S.E. 26	..	2	..
4	30.017	.980	78.7	87.3	89.6	75.9	73	76	83	69	N.E.	S.E. 20	..	10	0.06
5	30.008	.925	74.9	87.2	88.4	74.3	70	73	83	65	N. 1	S.E. 20	..	8	..
6	29.974	.913	77.5	88.7	91.0	74.3	69	76	76	64	N. 4	S.E. 30	4	..	..
7	.970	.919	75.0	88.7	90.7	74.0	67	76	77	65	N. 3	S.E. 17	..	2	..
8	29.983	.938	76.9	88.7	90.8	74.3	70	74	79	61	N. 4	S.E. 15	6	10	..
9	30.041	.948	75.2	88.0	89.6	75.2	73	74	92	63	S.E. 5	S.E. 24	10	2	0.42
10	.010	.948	78.4	87.9	89.9	73.0	70	74	77	62	S.E. 24	S.E. 24	5	5	..
11	.000	.942	77.1	88.5	88.9	73.7	71	73	82	62	N.W. 2	S.E. 27	..	..	..
12	30.012	.943	76.2	89.4	89.6	73.1	67	76	76	66	N. 4	S.E. 7	..	4	..
13	29.957	.921	76.5	81.0	89.0	74.1	71	66	84	59	Calm	S.E. 7	..	10	0.14
14	.910	.855	77.0	84.0	88.7	76.1	72	73	84	70	N. 3	S.E. 10	10	10	0.02
15	.912	.880	75.8	88.2	89.3	74.4	74	74	93	63	N.E. 3	S.E. 20	10	..	0.05
16	.970	.928	77.6	86.9	89.2	73.9	70	74	76	66	N.E. 3	S.E. 20	..	8	..
17	.957	.918	78.2	86.9	90.5	74.5	69	76	74	68	N. 3	S.E. 20	..	9	..
18	.958	.888	78.6	88.6	90.1	76.2	69	73	73	59	N. 6	S.E. 24	..	10	..
19	.950	.911	75.6	87.2	89.1	72.4	70	73	81	65	N. 3	S.E. 20	..	..	..
20	.958	.886	76.1	85.5	89.2	73.6	68	75	78	72	N. 3	S.E. 10	2	10	..
21	.933	.842	77.5	89.2	90.9	74.6	69	74	79	62	N. 4	S.E. 17	..	8	..
22	.917	.843	78.6	89.8	90.6	74.8	70	75	75	62	N.E. 6	S.E. 28	..	7	..
23	.911	.873	79.6	85.4	90.6	74.5	68	75	66	72	N.E. 6	S.E. 15	3	10	..
24	.917	.925	78.7	82.2	91.4	75.1	72	76	78	82	N.E. 3	N. 6	2	10	0.85
25	.883	.844	74.5	89.9	89.9	72.0	69	75	87	61	N. 4	S. 6	2	..	..
26	.904	.857	76.6	87.7	89.0	74.8	73	74	86	64	N.E. 2	S.E. 12	2	2	0.01
27	29.942	.897	76.6	88.8	89.6	74.1	72	74	83	61	N.E. 2	S.E. 18	2	..	..
28	30.008	.913	75.1	89.6	90.5	73.8	68	75	79	62	N. 4	S.E. 20	..	..	..
29	29.964	.881	78.2	87.4	91.2	74.0	69	75	74	68	N.E. 5	S.E. 20	4	9	..
30	.962	.889	79.0	87.0	89.7	74.8	72	69	79	55	N. 2	S.E. 12	10	10	..
31	29.953	29.898	76.2	88.6	89.9	73.1	67	72	73	57	N. 3	S.E. 20	..	7	0.08
Mean	29.959	29.903	77.1	87.6	90.1	74.3	71	74	79	64	N.N.E. 3.5	S.E. 18.5	2.4	5.3	..
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.58

Rainfall less than half normal. Distant lightning a few evenings. Distant thunderstorm to N. 5 occasions, to N.E. E., W. and N.W. 1 occasion each. Moderate local thunderstorm 4 days. S.E. wind continued until after 7 p.m. 18 occasions. Slight earthquake on 4th. Overcast 7 a.m. on 4 occasions, and at 3 p.m. 14 occasions. Rainfall upper Kingston 1.57 inch. 6 rainy days.

STATION—KINGSTON.

SEPTEMBER, 1930.

Day.	Barometer		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind Direction and Velocity. In miles per hour.			Amount of Cloud.		Rain-fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.		7 a.m.	3 p.m.	Ins.
	Ins.	Ins.	°	°	°	°	°	°	%	%						
1	29.941	29.835	77.0	89.2	92.8	72.4	68	75	74	63	N.E.	9	S.E.	20	..	..
2	.861	.836	77.1	88.2	91.5	72.6	69	72	78	59	N.	4	S.	7	..	..
3	.808	.780	76.5	89.4	90.2	75.5	71	70	83	63	N.	5	S.	10	8	..
4	.832	.807	78.0	87.9	90.3	75.5	74	75	85	65	N.	2	S.E.	8	..	0.05
5	.882	.873	81.3	87.9	88.9	76.2	74	75	79	65	S.E.	15	S.E.	12	10	0.10
6	.905	.835	76.2	89.4	92.3	73.1	68	71	77	58	N.E.	8	S.E.	28	..	..
7	.902	.873	76.7	86.5	90.9	74.8	68	75	76	71	N.	5	S.E.	20	..	0.20
8	.928	.889	76.7	89.6	91.0	74.8	68	73	75	58	N.	2	S.E.	20	10	..
9	.968	.899	76.5	87.5	90.4	72.8	63	72	64	63	N.	6	S.E.	24	10	..
10	.924	.870	75.9	83.7	90.4	73.1	67	74	74	71	N.	5	S.E.	6	8	..
11	.892	.842	77.9	86.6	89.9	75.3	69	76	73	70	N.E.	7	S.E.	18	..	..
12	.898	.868	77.6	90.2	91.4	74.1	71	73	80	59	N.	4	S.E.	18	..	..
13	.933	.871	77.0	88.4	93.2	74.3	69	74	78	64	N.	4	S.E.	20	..	..
14	.925	.862	80.2	89.5	93.7	76.4	71	72	74	57	N.	5	S.E.	25	8	..
15	.934	.845	77.9	89.2	90.7	76.6	68	75	72	64	N.E.	4	S.E.	30	8	..
16	.919	.858	80.6	91.7	92.4	75.9	69	68	66	46	S.E.	6	S.E.	30	10	..
17	.915	.847	77.2	90.1	91.7	73.7	66	75	69	61	N.	2	S.E.	28	2	..
18	.934	.856	80.2	89.5	92.0	76.4	71	77	74	68	N.	4	S.E.	30	..	..
19	.927	.854	79.9	91.2	92.9	74.9	69	72	70	54	N.E.	6	S.E.	17	..	..
20	.948	.850	78.6	91.7	93.2	76.6	72	70	77	49	N.	4	S.E.	30	..	..
21	.917	.844	78.8	92.4	93.0	76.6	70	72	73	52	N.	6	S.E.	20	10	..
22	.950	.877	80.0	92.2	94.6	77.5	69	72	71	52	N.W.	4	S.E.	30	2	..
23	.988	.912	78.0	87.0	91.0	76.1	71	75	79	68	N.	5	S.E.	24	8	..
24	.993	.905	79.1	88.5	93.9	76.1	70	74	74	65	N.	4	S.E.	17	2	0.17
25	.931	.858	78.0	90.8	92.9	75.6	71	73	79	56	N.	4	N.	12	2	0.13
26	.922	.874	78.6	83.7	88.7	74.5	68	72	76	66	S.E.	12	S.E.	12	10	0.01
27	.896	.916	76.2	77.7	88.8	68.2	65	73	69	85	N.E.	3	S.E.	6	10	0.19
28	.886	.855	74.9	83.4	91.2	72.1	71	67	87	73	N.	4	S.E.	20	10	0.19
29	.876	.821	73.2	87.2	87.2	71.9	70	74	90	66	N.	2	S.E.	20	10	..
30	29.865	29.845	78.5	84.4	86.3	77.1	74	75	80	73	E.	2	S.E.	9	10	..
Mean	29.913	29.859	77.5	88.2	91.2	74.8	69	73	76	63	N.E. 5.1	S.E. 19.0	4.9	7.3	..	..
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.04

Rainfall about quarter of average. Rain observed on hills on several occasions. Distant thunderstorm to N. 6 occasions. Distant lightning frequently. S.E. rain squall on 5th, 7th, 25th, 28th. Local thunderstorm on 4th and 11th. Overcast 7 a.m. 15 occasions, and 3 p.m. 19 occasions. Rainfall upper Kingston 0.58 inch. 4 rainy days.

STATION—KINGSTON.

OCTOBER, 1930.

Day.	Barometer		Air Temperature.				Tension of Vapour.		Relative Humidity		Wind Direction and Velocity In miles per hour.		Amount of Cloud.		Rain-fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.
	Ins.	Ins.							%	%					
1	29.825	29.770	78.7	86.5	87.3	73.1	74	74	85	67	S.E. 7	S.E. 9	10	10	0.23
2	.842	.775	73.9	80.4	80.7	71.9	73	72	96	75	N. 2	S. 4	10	10	..
3	.850	.817	78.4	83.2	86.5	70.1	71	73	77	75	S.E. 10	S.E. 8	4	10	..
4	.873	.836	73.2	81.8	86.0	71.5	69	75	88	79	N. 5	N. 6	..	8	0.08
5	.864	.813	73.7	78.8	78.7	72.9	72	74	93	83	N. 4	S.E. 9	10	10	0.02
6	.843	.824	71.6	74.0	79.6	70.7	70	72	92	96	S.E. 15	S.E. 20	10	10	0.78
7	.865	.837	72.7	81.6	82.3	71.3	72	76	97	81	N.E. 5	S.E. 12	7	10	0.14
8	.897	.820	73.0	82.2	84.2	71.3	71	77	93	80	N. 4	S.E. 10	10	8	0.05
9	.874	.815	73.5	82.6	86.7	71.7	73	77	96	81	N. 5	S.E. 6	7	10	..
10	.882	.854	74.7	82.8	83.4	73.3	72	74	90	73	N. 2	S.E. 7	10	10	..
11	.865	.847	73.9	84.0	85.0	72.6	71	74	90	72	N. 2	S.E. 12	10	10	0.40
12	.910	.846	76.6	86.5	87.2	75.6	74	76	91	71	S.E. 3	S.E. 18	10	10	1.15
13	.893	.850	76.0	76.1	84.2	74.3	75	74	97	93	S.E. 3	S.E. 12	8	10	0.27
14	.863	.815	75.0	84.6	85.5	73.5	74	76	96	73	N. 3	S.E. 15	10	10	..
15	.851	.828	75.5	83.6	86.2	73.9	73	76	92	78	S.E. 3	S. 15	10	10	0.15
16	.939	.862	74.5	86.6	86.7	73.6	72	76	93	70	N.E. 3	S.E. 24	6	5	0.17
17	.943	.903	73.9	76.7	87.3	71.5	69	74	86	91	N.E. 3	N.E. 7	..	10	..
18	.909	.817	71.4	86.2	86.3	70.4	69	74	94	67	N.W. 4	S.E. 15	..	..	..
19	.878	.814	72.3	86.3	87.0	71.0	68	75	87	69	N.E. 2	S.E. 14	..	3	..
20	29.933	.886	71.8	86.8	87.0	70.5	68	75	87	67	N. 2	S.E. 17	..	..	..
21	30.004	.924	75.2	89.2	90.1	73.1	71	77	84	66	N.E. 7	S.E. 14	..	3	..
22	29.981	.893	75.4	88.9	89.5	73.2	70	76	83	65	N. 4	S. 6	..	7	..
23	.926	.832	75.6	89.0	89.2	74.5	70	75	82	63	N. 4	S.E. 15	10	7	..
24	.872	.816	74.1	87.4	88.1	73.5	70	74	88	65	N. 4	S.E. 13	..	..	..
25	.844	.800	74.5	88.2	88.2	73.3	69	76	86	67	N. 2	S.E. 8	..	1	..
26	.890	.854	76.0	87.2	88.5	74.2	70	73	82	64	N. 2	S.E. 15	..	10	..
27	.930	.872	74.8	83.5	89.5	72.8	68	75	79	74	N.E. 5	N.E. 7	..	9	..
28	.901	.815	75.0	84.5	89.0	73.1	69	73	83	66	N. 3	S.E. 20	..	8	..
29	.880	.836	74.7	87.6	89.7	74.3	68	73	78	63	N. 2	S.E. 17	..	7	..
30	.925	.857	74.6	89.2	90.2	73.6	68	74	79	62	N. 5	S.E. 30	..	1	..
31	29.958	29.931	73.4	88.6	91.0	72.5	66	72	79	58	N. 4	S.E. 20	..	10	..
Mean	29.894	29.840	74.4	84.4	86.5	72.7	71	75	88	73	N.E. 4.2	S.E. 13.1	4.9	7.3	..
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3.44

Rainfall half of normal. Rain on hills to N. 9 occasions, to E. and N.E. 3 occasions, to N.W. 1 occasion. Distant lightning to N. and N.W. 5 occasions, S.E. squall 4th and 15th. S.E. wind continued until after 7 p.m. 11 occasions, continued throughout the night 2 occasions, early on 3 occasions. Overcast 7 a.m. on 12 occasions and 3 p.m. on 20 occasions. Rainfall upper Kingston 3.88 inches. 11 rainy days.

STATION—KINGSTON.

NOVEMBER, 1930.

Day.	Barometer		Air Temperature.				Tension of Vapour		Relative Humidity.		Wind Direction and Velocity. In miles per hour.		Amount of Cloud.		Rain-fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.
	Ins.	Ins.	°	°	°	°	°	°	%	%					
1	29.940	29.882	78.7	86.5	88.5	74.7	70	73	74	65	N.E. 5	E. 12	8	10	0.02
2	.894	.820	73.2	87.0	88.5	71.9	70	72	89	60	N. 2	S.E. 12	..	10	..
3	.840	.794	74.2	86.5	87.9	72.5	69	72	86	64	N.W. 2	S.E. 10	..	1	..
4	.850	.814	72.8	86.4	87.4	70.8	68	72	81	63	N.E. 2	S. 7	..	10	..
5	.898	.863	74.2	84.8	88.8	72.3	61	71	64	63	N. 5	E. 4	..	10	..
6	.949	.900	74.4	89.0	91.1	73.1	69	71	87	55	N. 10	S.E. 9	10	10	..
7	.969	.931	76.4	81.0	88.3	74.3	72	77	85	89	N. 6	S.E. 3	10	10	0.60
8	.921	.885	74.2	85.5	87.2	73.1	72	76	95	75	N. 3	S.W. 9	1	10	0.13
9	.922	.890	75.2	85.2	86.1	74.2	74	73	95	69	N. 3	S. 3	10	6	..
10	.896	.856	74.9	85.3	87.3	73.8	73	74	92	70	N. 3	W. 3	..	16	..
11	.910	.870	73.5	89.7	89.8	72.5	71	73	93	56	N.E. 2	S.W. 6	..	6	..
12	.913	.881	73.6	90.3	90.3	72.9	71	73	91	58	N. 2	S. 7	..	3	..
13	.909	.859	73.2	85.2	88.0	72.3	68	73	86	69	N. 7	S.E. 15	..	9	..
14	.940	.904	72.8	82.5	87.8	71.4	68	70	83	67	N. 5	N. 6	..	10	0.90
15	.943	.888	71.7	87.3	87.3	70.6	71	75	95	68	N. 2	S.E. 10	..	1	..
16	.952	.876	72.0	86.7	86.7	70.7	68	74	87	65	N. 3	S.E. 12	..	..	..
17	.932	.866	71.2	87.0	87.2	70.1	66	74	85	65	N. 4	S.E. 8	..	8	..
18	.927	.877	73.5	87.4	87.5	72.8	69	73	88	65	N.E. 3	S.E. 10	..	6	..
19	.917	.873	71.6	85.8	85.8	70.7	69	75	90	68	N. 4	S. 4	..	..	0.07
20	.905	.891	73.2	69.7	86.0	69.7	70	69	90	94	N. 3	N.E. 6	10	10	0.90
21	.889	.830	70.6	84.7	84.7	67.3	68	70	91	61	N.E. 5	S.E. 9	..	2	..
22	.855	.815	69.9	84.8	84.9	68.7	64	69	82	59	N.E. 9	S.E. 9	..	..	..
23	.865	.827	70.4	85.2	85.3	68.9	64	69	83	57	N. 7	S. 9	..	4	..
24	.925	.899	71.2	86.6	86.8	69.9	66	70	85	57	N.E. 4	S. 4	10	8	..
25	.983	.957	72.2	89.6	89.7	70.5	67	71	84	54	N. 10	N.W. 15	..	1	..
26	.977	.929	72.4	86.5	88.6	71.1	66	73	80	65	N.E. 7	S.E. 4	10	10	..
27	.967	.974	74.7	75.8	83.4	73.9	71	74	87	92	N. 5	N.E. 4	10	10	0.10
28	.968	.949	72.8	75.0	85.0	71.7	71	74	93	96	N. 3	N.E. 4	10	10	0.83
29	.992	.936	72.7	85.4	86.4	71.9	72	72	97	65	N. 3	S.W. 3	10	10	..
30	29.965	29.914	73.2	84.4	86.5	70.7	68	67	85	57	N. 8	S.E. 15	8	10	..
Mean	29.923	29.880	73.2	84.9	87.3	71.6	69	72	87	67	N.E. 4.6	S.E. 7.6	3.6	7.1	..
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3.55

Rainfall above normal. Rain observed to N., N.E., E. on many occasions. Distant lightning to N.E. 8 days, very vivid on 8th and 27th. Distant thunderstorm to N. 4 days, N.E. 2 days, E. 1 day, S.W. 2 days, N.W. 1 day. S.E. wind continued after 7 p.m. 3 occasions. Fresh norther on 6th, 24th, 27th. Hailstorm reported on 20th. Overcast 7 a.m. on 10 occasions and 3 p.m. on 18 occasions. Rainfall upper Kingston 4.17 inches. 12 rainy days.

STATION—KINGSTON.

DECEMBER, 1930.

Day.	Barometer		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind Direction and Velocity. In miles per hour.		Amount of Cloud.		Rain-fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Inch.
	Ins.	Ins.	°	°	°	°	°	°	%	%					
1	29.923	29.848	73.3	86.5	86.8	72.1	68	72	86	64	N. 5	S.E. 15	..	4	..
2	.950	.914	72.9	87.7	87.8	70.8	69	74	87	63	N. 7	S. 6	..	1	..
3	.990	.920	71.7	86.2	86.8	70.9	68	71	87	62	N. 4	S.E. 14	..	1	..
4	.922	.840	73.4	85.1	85.1	70.7	67	71	80	64	N.E. 3	S.E. 9	10	..	..
5	.856	.820	68.9	85.6	85.9	67.4	65	71	87	61	N. 3	S. 5	..	6	0.04
6	.874	.859	70.2	85.4	85.5	67.3	64	69	81	59	N.W. 4	S. 6	10	1	..
7	.935	.906	69.4	84.6	85.0	68.2	64	69	86	59	N. 4	S.E. 8	..	9	..
8	29.988	.940	69.9	85.4	88.6	68.7	65	68	85	56	N.E. 4	S. 7	..	..	..
9	30.016	.954	72.7	84.1	84.5	71.8	66	66	78	54	N. 8	N. 22	..	..	..
10	29.968	.908	71.0	86.0	86.5	69.1	63	68	75	55	N. 10	S.E. 6	7	2	..
11	.954	.893	72.4	83.0	86.7	69.4	67	70	85	64	N.E. 10	S.E. 17	..	10	..
12	.936	.900	72.0	84.5	85.9	71.2	67	74	86	71	N. 6	S.E. 15	6	8	..
13	.885	.831	73.2	85.3	87.2	72.9	68	74	87	71	N. 6	E. 4	8	10	..
14	.893	.853	71.9	85.9	86.6	70.9	68	70	86	58	N. 6	S. 4	..	8	..
15	29.970	.921	71.9	87.6	88.2	71.3	67	69	84	55	N. 5	S. 6	..	9	..
16	30.017	.971	74.2	85.5	87.3	73.8	69	72	86	64	N. 5	N.W. 12	3	5	..
17	29.994	.908	72.2	85.4	87.2	72.0	68	73	86	66	N. W. 3	S.E. 20	..	..	..
18	.940	.887	70.3	88.3	88.4	69.4	64	69	82	55	N. 6	S.E. 12	..	..	..
19	.900	.867	71.9	86.2	88.2	70.8	66	73	82	62	N. 3	S.E. 20	6	4	..
20	.887	.831	70.4	85.0	88.4	69.9	68	71	91	64	N.W. 1	S.E. 15	..	10	..
21	.854	.780	70.3	85.7	86.9	69.4	64	67	83	54	N. 6	N.E. 16	..	10	..
22	.846	.815	72.2	86.7	87.8	70.4	64	70	76	57	N. 5	S.E. 15	10	10	..
23	.894	.881	70.7	87.3	87.9	70.1	65	71	79	59	N. 2	S.E. 15	..	..	..
24	.977	.935	68.6	87.9	88.0	67.7	64	69	83	52	N. 4	S. 9	..	..	..
25	.982	.920	71.9	84.6	87.8	70.9	67	73	85	67	N.E. 3	S.E. 12	..	10	..
26	29.990	.932	70.5	87.6	89.8	69.7	64	70	83	55	N. 4	S.E. 15	..	1	..
27	30.017	.956	72.7	85.7	86.8	72.7	68	74	83	67	N. 2	S.E. 12	..	5	..
28	29.993	.915	69.7	86.2	86.4	68.6	65	70	85	58	N.E. 8	S.E. 12	..	..	..
29	.953	.945	73.9	80.4	84.2	69.7	66	69	77	69	N. 4	N.W. 8	10	10	..
30	.968	.914	70.4	86.4	87.2	70.0	64	70	82	58	N. 4	S. 12	7	9	..
31	29.967	29.912	69.7	85.9	88.6	69.1	64	69	81	56	N.E. 5	S.E. 15	..	8	..
Mean	29.943	29.893	71.4	85.7	87.0	70.2	65	71	83	61	N.N.E. 4.8	S.E. 11.7	2.5	5.0	..
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.04

Rainfall 3% of normal. S.E. wind continued after 7 p.m. 2 occasions. Fresh to brisk norther on 7th to 11th and 16th. Overcast 7 a.m. on 5 occasions and 3 p.m. on 13 occasions. Rainfall upper Kingston 0.11 inch. 2 rainy days.

KINGSTON, JAMAICA.—Mean Meteorological Results for the Year 1880. Latitude 17° 58' North. Longitude 76° 48' West.

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Month	Air Temperatures.						Tension of Vapour.			Relative Humidity.			Amount of Cloud.			Rainfall. Inches.		Weather No. of days of				Winds. No. of Observations.														
	7 a.m.	3 p.m.	Mean	Means of		Absolute Max. and Min.		7 a.m.	3 p.m.	Mean	7 a.m.	3 p.m.	Mean	7 a.m.	3 p.m.	Mean	Total.	Max.	Thunderstorm.	Rain.	Clear Sky.	Overcast.	Gales.	N.	NE	E.	S.E.	S.	SW.	W.	NW	Calm.				
				Max.	Min.	Date	Min.																										Date			
Mean Pressure.	°	°	°	°	°	°	°	°	°	°	%	%	%	%	%	%																				
Jan.	29.900	68.5	82.9	75.2	84.3	67.3	86.9	1	63.7	12	64	69	66.5	86	64	77	2.6	5.2	3.9	0.90	0.57	25	5	9	2	16	11	5	17	5	2	2	4	..		
Feb.	968	68.3	82.0	74.8	84.0	67.1	88.1	11	63.8	5	64	69	66.5	88	65	80	4.2	7.4	5.8	0.88	0.84	21	6	1	10	17	11	3	20	3	1	1	1	..		
Mar.	931	71.1	84.2	77.0	85.5	69.4	87.4	18	65.2	4	66	70	68.0	84	83	76	2.3	4.3	3.3	0.98	0.84	9	4	12	1	17	10	..	31	3	..	1	1	..		
April	933	73.0	82.9	77.5	85.8	70.2	89.6	1	67.2	4	68	71	69.5	84	69	81	3.9	7.9	5.9	1.18	0.78	11	2	6	2	8	17	9	8	22	1	..	3	..		
May	934	77.4	84.9	80.3	88.5	72.4	91.2	17	68.3	10	69	72	70.5	77	67	76	3.0	6.0	4.5	0.96	0.86	11	12	4	12	3	17	7	5	28	1	..	4	..		
June	928	77.8	85.4	80.9	88.4	73.8	92.4	30	70.7	10	70	73	71.5	78	66	75	5.2	5.7	5.4	0.82	0.62	9	9	6	8	8	17	7	2	33	..	1	..	..
July	949	77.5	87.0	81.5	89.5	74.1	92.6	5	70.7	25	69	72	70.5	76	62	78	4.7	6.7	5.7	0.33	0.09	24	8	6	7	7	14	7	3	32	..	2	4	..		
Aug.	943	77.1	87.6	81.8	90.1	74.3	92.6	2	72.0	25	71	74	72.5	79	64	75	2.4	5.3	3.8	1.38	0.85	24	8	7	11	1	19	9	..	30	1	..	2	1		
Sept.	897	77.5	88.2	82.9	91.2	74.8	94.6	22	68.2	27	69	73	71.0	76	63	73	4.9	7.3	6.1	1.04	0.20	7	10	8	4	5	20	6	1	30	2	..	1	..		
Oct.	879	74.4	84.4	79.0	86.5	72.7	91.0	31	70.1	3	71	75	73.0	88	73	84	4.9	7.3	6.1	3.44	0.78	6	6	11	9	5	19	8	..	31	3	..	1	..		
Nov.	913	73.2	84.9	78.7	87.3	71.6	91.1	6	67.3	21	69	72	70.5	87	67	80	3.6	7.1	5.3	3.55	0.90	20	9	8	9	12	22	11	2	13	6	3	1	2	..	
Dec.	29.932	71.4	85.7	78.1	87.0	70.2	89.8	26	67.3	6	65	71	68.0	83	61	75	2.5	5.0	3.7	0.04	0.04	5	..	1	10	1	23	6	1	19	8	..	5	..		
Means	29.933	73.9	85.0	79.0	87.3	71.5	90.6	..	67.9	..	68	72	70.0	82	65	77	3.76	1	4.9	64	72	94	63	218	102	30	306	33	6	7	27	1
Total	

* And other days.

Barometer Pressure reduced to the Standards of National Physical Laboratory 29°, Gravity of Latitude 45° and to mean Sea Level. The 75th Meridian West of Greenwich Standard Time used. Altitude of Standard Barometer above Mean Sea Level 24 ft. Height of Thermometer above ground 4 ft. Height of Rain-gauge above ground 51 ft. Height of Anemometer above ground 68 ft.

MORANT POINT LIGHT HOUSE, JAMAICA.—Mean Meteorological Results for the Year 1930. Latitude 17° 55' North. Longitude 76° 12' West.

Month	Air Temperatures.										Tension of Vapour.		Relative Humidity.		Amount of Cloud.			Rainfall.		Weather.				Wind.													
	Mean Pressure.	7 a.m.	3 p.m.	8 p.m.	Means of			Absolute Max. and Min.			7 a.m.	3 p.m.	7 a.m. p.m.	3 a.m. p.m.	Mean.	Total.	Max.	Date.	Thunderstorm.	Rain.	Clear Sky.	Overcast.	Gales.	N.	NE.	E.	S.E.	S.	SW.	W.	NW.	Chm.					
					Max.	Min.	Date.	Min.	Date.																												
Jan.	30.022	77.6	80.1	77.8	81.2	74.4	82.6	3	71.0	31	71	71	71.0	%	%	4.3	4.4	4.3	1.82	0.48	31	17	1	3	5	7	28	27	..	..	..	..	..	..
Feb.	29.998	76.1	80.5	77.1	81.5	72.2	82.6	11	65.0	8	69	71	70.0	80	74	81	5.3	5.6	5.4	1.26	0.28	3	13	..	3	2	3	28	18	..	..	..	3	4
Mar.	.962	76.6	81.5	77.9	83.0	72.7	84.7	8	65.0	16	71	71	71.0	81	74	80	4.7	3.7	4.2	0.81	0.19	30	9	3	4	1	5	14	28	5	..	1	2	7			
April	.958	78.1	81.9	78.6	83.4	73.1	85.9	30	66.4	7	72	73	22.5	82	75	83	6.5	4.6	5.5	7.10	2.02	11	1	11	2	8	1	2	16	30	6	..	..	6	
May	.967	80.6	83.2	80.9	85.2	76.6	86.6	30	68.9	2	74	74	74.0	80	76	82	5.1	6.25	6	4.50	2.75	4	2	10	..	3	..	..	20	34	5	..	1	2	
June	.958	81.3	82.9	81.0	85.0	77.0	86.8	23	68.4	9	75	75	75.0	82	78	83	6.4	6.4	6.4	6.31	2.20	9	3	15	..	8	..	..	11	45	4	..	..	..
July	.990	82.1	84.3	82.2	85.9	78.5	87.2	20	73.9	17	75	75	75.0	80	76	82	6.4	5.8	6.1	4.00	1.97	16	3	18	1	5	10	52		
Aug.	.975	82.4	83.0	83.0	87.3	78.5	88.6	24	70.8	20	75	76	75.5	80	73	80	5.1	3.2	4.1	0.33	0.16	13	..	5	1	2	..	3	15	39	1	..	..	4	
Sept.	.931	81.0	85.9	83.1	87.0	78.7	89.3	3	70.3	29	76	77	76.5	80	75	81	5.7	5.3	5.5	2.85	0.90	28	..	12	..	4	..	1	25	30	4		
Oct.	.902	80.4	82.9	80.2	84.6	75.0	83.5	1	70.9	3	74	76	75.0	82	78	83	6.3	5.6	5.9	13.50	5.62	6	..	20	..	9	..	4	7	27	10	..	1	1	2	10	
Nov.	.938	79.5	82.2	79.7	84.0	75.1	87.2	7	68.0	6	72	74	73.0	82	77	82	5.2	5.5	5.3	7.24	2.27	27	..	16	..	4	5	13	40	2	1	1	1	2	..
Dec.	29.962	78.4	81.6	78.9	82.9	74.7	84.7	3	65.9	8	71	71	71.0	80	73	79	4.4	4.6	4.5	3.37	1.44	11	..	14	..	2	2	16	30	8	5	3	..	
Means	29.964	79.7	82.7	80.0	81.2	75.5	86.2	..	68.7	..	73	74	73.3	81	75	81	5.4	5.1	5.2	9	163	8	55	16	54	244	340	36	..	1	3	14	38	
Totals	53.09	

*And other days.
Barometer Pressure reduced to the Standards of National Physical Laboratory 32°. Gravity of Latitude 45° and to Mean Sea Level. The 75th Meridian. West of Greenwich Standard Time used. Altitude of Standard Barometer above Mean Sea Level 8 ft. Height of Thermometers above ground 4 ft. 6 ins. Height of Rain-gauge above ground 3 ft. Height of anemometer above the ground 18 ft.

Latitude 18° 15' North. Longitude 78° 23' West.

	Air Temperatures.						Tension of Vapour.		Relative Humidity.		Amount of Cloud.		Rainfall.		Weather.				Wind.																		
Month	Mean Pressure.		7 a.m.	3 p.m.	Mean.	Means of		Absolute Max. and Min.		7 a.m.		3 p.m.		Mean.	7 a.m.		3 p.m.		Mean.	Date	Thunderstorm.	Rain.	Clear Sky.	Overcast.	Gales.	N	NE.	E	SE	S	SW	W	NW	Calm			
	Inch.	Bar.	°	°	°	Max.	Min.	°	°	°	°	°	°	%	%	%	%	%	%																		
Jan.	.30	.001	69.0	82.1	75.2	85.0	66.5	83.3	19	60.6	0	65	69	67.5	89	66	80	2.35.6	3.9	2.74	0.86	21	3	12	5	14	..	21	20	3	10	4	1	..	3		
Feb.	.29	.979	70.3	81.3	75.3	84.2	67.5	87.4	27	62.5	28	65	69	67.0	86	67	80	5.8	7.0	6.4	2.62	1.30	10	..	11	1	3	..	14	15	4	12	5	1	1	3	1
Mar.	.940	.940	72.2	82.5	77.1	85.6	70.1	89.6	18	64.0	6	68	72	70.0	87	70	81	3.8	6.1	4.9	0.34	0.11	27	..	4	5	5	..	16	9	4	21	4	2	..	6	..
April	.941	.941	75.2	82.7	78.3	86.4	70.8	89.5	27	68.0	14	71	74	72.5	87	76	86	6.2	7.9	7.0	7.91	2.33	18	2	17	1	2	..	13	8	8	22	2	1	..	5	1
May	.942	.942	77.8	84.6	80.1	88.2	71.6	91.1	17	68.9	3	72	77	74.5	82	76	83	3.9	6.8	5.3	5.36	2.31	20	2	14	2	4	..	8	11	14	17	3	2	2	4	1
June	.933	.933	78.1	84.1	80.3	88.1	72.8	90.9	30	69.6	*7	71	75	73.0	80	75	81	7.1	8.3	7.7	6.26	1.70	10	5	14	1	9	..	14	7	7	24	4	..	..	4	..
July	.967	.967	77.9	85.7	81.2	90.0	73.0	92.6	30	70.4	30	72	76	74.0	81	72	75	6.4	8.6	7.5	3.78	1.05	8	6	16	1	9	..	15	12	9	12	3	1	1	7	2
Aug.	.955	.955	77.4	86.6	81.3	90.1	73.2	92.5	7	71.4	12	72	76	74.0	85	70	81	4.3	8.0	6.1	5.14	1.21	23	8	14	..	2	..	10	12	10	9	9	2	..	8	2
Sept.	.908	.908	77.4	86.2	81.5	90.3	74.0	93.5	13	72.0	*1	71	75	73.0	81	70	81	8.4	9.0	8.7	4.72	1.42	15	4	17	..	7	..	8	20	9	9	6	5	2	1	..
Oct.	.878	.878	75.9	85.8	80.2	88.1	73.0	93.2	23	69.6	5	72	75	73.5	89	70	83	6.9	6.8	6.8	4.81	1.68	1	1	10	2	10	..	6	9	9	22	11	1	1	3	..
Nov.	.924	.924	75.0	84.7	79.3	87.3	72.2	92.1	13	65.6	22	71	74	72.5	86	70	81	6.3	6.3	6.3	1.27	0.31	12	..	8	5	7	..	24	19	2	1	7	..	1	4	2
Dec.	.944	.944	73.3	83.9	78.4	87.5	70.7	92.8	1	66.5	7	68	71	69.5	84	65	77	4.4	6.3	5.3	1.32	0.41	19	..	9	15	1	..	28	18	..	1	3	6	1	4	1
Means	.943	.943	75.0	84.2	79.0	87.6	71.3	91.1	67.4	..	..	70	74	72	85	71	81	5.5	7.2	6.3	..	..	..	31	146	38	73	..	177	160	79	160	61	22	9	49	13
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

* And other days.

Barometer Pressure reduced to the Standards of National Physical Laboratory 32° Gravity at Latitude 45°, and Mean above Sea Level. The 75th Meridian West of Greenwich Standard time used. Altitude of Standard Barometer above Mean Sea Level 83 ft. Height of Rangegauge above the ground 6 ft. 6 ins. Height of Thermometers above the ground 4 ft. 6 ins. Height of Anemometer above the ground 94 ft.

METEOROLOGICAL—JAMAICA.

CLIMATIC CONDITIONS—THE ISLAND.

Monthly Precipitation.

January. The mean rainfall was a little less than the normal. The West-Central and Southern Divisions had more than their average, but there was deficiency in the North-Eastern and Northern Divisions. The heaviest precipitation appears to have occurred on 6th, 7th, 13th and 14th, also on 24th and 25th. Generally the rainfall was well distributed. The mean number of rainy days was 10 or 2 more than the average. The greatest fall was 25.32 ins., at Millbank in the North-Eastern Division and the heaviest fall in 24 hours was 6.08 ins. at Mount Holstein in the same division on the 6th. The greatest amount of rain fell in Portland shewing a mean of 8.75 ins.

February. The mean rainfall was much above the normal, which was exceeded in all the divisions, particularly the West-Central and Southern. There was a good distribution, shewing a mean of 10 rainy days as compared with the 33-year average of 7. The heaviest precipitation appears to have taken place on the 19th. The greatest total fall was 18.90 ins., at Millbank in the North-Eastern Division, and the heaviest fall in 24 hours was 7.35 ins. at Bath, in the same division on 22nd. The greatest amount of rain fell in Portland shewing a mean of 7.59 ins.

March. The mean rainfall for the month was only about one-third of the normal. There was a marked deficiency in all the Divisions, but the Northern Division suffered most. Most of this small precipitation appears to have taken place during the period 9th to 13th. The mean number of rainy days was only 4, representing one-half of the average for the month. The greatest number of rainy days was 14 at Johnson River Bridge, St. Thomas, and at Christiana, Manchester. No rain fell at 12 Stations. Greatest total fall for the month was 4.54 ins. at Port Antonio in the North-Eastern Division, and the heaviest fall in 24 hours was 3.00 ins., at Maggoty in the West-Central Division on 10th. The greatest rainfall for the month occurred in Manchester, where a mean of 2.05 ins., was gauged. And only 0.72 inch was gauged in the parish of Kingston.

April. The mean rainfall for the month exceeded the normal in all the divisions particularly the North-Eastern and Northern which gauged more than double their average. The heaviest precipitation appears to have taken place on the 11th and 12th, but the rainfall was generally well distributed, the mean number of rainy days being 11, or 2 more than the average. The greatest number of rainy days was 23 at Burnt Ground in the West Central Division. The greatest total fall for the month was 24.81 ins. at Moore Town in the North-Eastern Division and the heaviest fall in 24 hours was 11.64 ins. at Cedar Hurst, in the same division on the 10th. The parish of Portland shewed the greatest amount of rain with a mean of 13.07 ins.

May. The mean rainfall for the month was much below the normal in all the divisions. The Southern Division suffered the most, having only about one half the average. Most of the rain appears to have fallen during the first half of the month, the greatest precipitation being on the 4th. The mean number of rainy days was 10, or 2 less than the 33-year average. The greatest number of rainy days was 21 at Darliston in the West-Central Division. The greatest total fall was 16.48 ins. at Balaclava, in the West-Central Division and the heaviest fall in 24 hours was 5.00 ins. at Manchioneal in the North-Eastern Division on 4th. The parish of Westmoreland gauged the greatest mean of 9.74 ins., and the least 0.57 inch was gauged at Kingston.

June. The mean rainfall for the month was below the normal in all the divisions. The West Central Division had very nearly its average, but there was a marked deficiency in all the divisions. Most of the rain appears to have fallen during the second week, the greatest precipitation being on the 9th and 10th. It was, however, fairly well distributed, the mean number of rainy days was 10, which corresponds with the average for the month. The greatest number of rainy days was 25 at Johnson River Bridge, St. Thomas. The greatest total fall for the month was 23.57 ins. at Millbank in the North-Eastern Division and the heaviest fall in 24 hours was 5.35 ins., at the same station, on the 7th. The parish of Westmoreland gauged the most rain with 10.37 ins., and Kingston the least, with only 1.03 inch.

July. The mean rainfall for the month was again for the third month, below normal. In the North-Eastern Division the average was exceeded but in all the other divisions there was a deficiency. Precipitation was well distributed as the mean number of rainy days was 9 which corresponds with the average for the month. The greatest number of rainy days was 27 at Fellowship in the North-Eastern Division. The heaviest rains appear to have fallen between the 8th and 12th. The greatest total fall for the month was 26.25 ins., at Millbank in the North-Eastern Division and the heaviest fall in 24 hours was 4.43 ins. at Blue Hole in the Northern Division on 26th. No rain fell at 7 places. The parish of Portland had the greatest mean fall of 12.67 ins., and Kingston the least with only 0.53 inch.

August. The mean rainfall (for the four month in succession) was below the normal. The West-Central Division, however, had a fair amount, but all the others were very deficient. Most of this poor rainfall appears to have occurred on the 14th. The mean number of rainy days was 7 as compared with the average of 11. The greatest number of rainy days was 23 at Mocho in St. James and at Darliston in Westmoreland, both in the West-Central Division. No rain fell at 7 places. The greatest total fall for the month was 15.27 ins. at Darliston in the West-Central Division and the heaviest fall in 24 hours was 6.02 ins. at Fellowship, in the North Eastern Division on 14th. The parish which had the greatest record of precipitation was Westmoreland shewing 8.07 ins., with the parish of St. Mary gauging only 0.70 inch.

September. For the fifth month in succession the rainfall was deficient shewing for September only one-half the normal. There was a marked shortage in all the divisions although the West Central Division had 6.53 ins. or about 60% of its average. Most of this small rainfall appears to have occurred about the first and last weeks of the month. The mean number of rainy days was 10, as compared with the average of 13. The greatest number of rainy days was 22 at Haughton Hall in the Northern Division. The greatest total fall for the month was 16.59 ins., at Grange Hill in the West-Central Division, and the heaviest fall in 24 hours was 4.83 ins. at Mereworth, in the same division on 5th. The parish of Westmoreland had the greatest monthly fall of 7.97 ins., and Kingston the least with only 1.08 inch.

October. The mean rainfall for the month was about two-thirds of the normal being the sixth month with deficiency in succession. The mean number of rainy days was 13 or one below the average, the greatest number being 23 at Moore Town in the North-Eastern Division. The greatest total fall for the month was 22.49 ins., at Millbank in the North-Eastern Division, and the heaviest fall in 24 hours was 7.45 ins., at Morant Bay in the Southern Division on 6th. The greatest precipitation appears to have occurred between the 6th and 20th. The highest total parish rainfall was 15.86 ins., in St. Thomas and the least 3.54 ins., in the parish of Kingston. The October "seasons" were very deficient.

November. The mean for the month was some what above the normal. There were heavy rains in the North-Eastern and parts of the Northern Divisions, and the normal was exceeded in these divisions. But the West-Central and Southern Divisions were much below normal. The first and last weeks of the month appeared to have been the periods of greatest precipitation. The rainfall was well distributed, the mean number of rainy days being 12 which corresponded with the average for the month. The greatest number of rainy days was 24 at Hampstead, St. Mary, in the North-Eastern Division. Greatest total fall for the month was 62.04 ins. at Greenvale in the North Eastern Division, and the heaviest fall in 24 hours was 16.26 ins., at Cedar Hurst, in the same division, on the 18th. No rain was reported at one station. The parish of Portland gauged the highest—33.44 ins., for the month and Westmoreland the least—1.53 inch.

December. The mean for the month, 3.21 ins., was below the normal in all the divisions. Most of the rainfall appears to have occurred between the 11th and 16th. The greatest total fall for the month was 20.39 ins. at Orange Vale in the North-Eastern Division and the heaviest fall in 24 hours was 8.83 ins. at Enfield in the same division on 15th. No rain was reported at three stations. The mean number of rainy days was 7, being 2 less than the average. Greatest number of rainy days was 22 at Hope Bay in the North-Eastern Division. Portland shewed the greatest precipitation of 10.80 ins., and Kingston the least with only 0.15 inch.

THE ISLAND RAINFALL FOR THE YEAR 1930.

The total mean fall for the 12 months was only 62.13 inches, which represents 14.33 inches below the 50-year normal of 76.46 inches, and 1.09 more than that of the year previous (1929). The first half of the year was only 1.66 inch less than the aggregate normal. But in the second half the rainfall was somewhat less than three-quarters of normal. The months of February, April and November were the only months shewing above normal, the other months gauged below. The North-Eastern was 83% the Northern 84% the West-Central 80% and the Southern 74% below their 50-year normal, respectively.

The mean number of rainy days for the year was only 113 as against the normal of 122 representing a mean of a little over half an inch per rainy day. October had the greatest number of rainy days, with 13, and March the least with only 4. The parish of Portland gauged the greatest total annual fall of 116.05 inches. Then Westmoreland was next in order, with a record of 73.57 inches. The parish of Kingston recorded the least with only 16.10 inches.

WEATHER DISTURBANCES

July. There were no tropical weather disturbances within Barometric range of Jamaica in July.

August. The Caribbean sea was remarkably free of hurricanes in August. But on 25th August a wireless report from Washington stated there was evidence of a tropical disturbance about 400 miles to N.N.E. of the Island of Porto Rico. This storm apparently remained nearly stationery until the 25th and was of comparatively slight intensity. Subsequent reports received by the United States Weather Bureau indicate that this storm was located earlier at or near latitude 21 north and longitude 56 west.

September. A most disastrous hurricane swept over the island of San Domingo—Haiti on 3rd September, causing very great loss of life in the city of San Domingo amounting to about 4,000 lives, and property damage estimated at £10,000,000. This storm was small diameter (only about 20 miles) but of very great intensity, with an estimated velocity varying from 150 to 200 miles per hour (vide U.S.B. Weather Review for September, 1930, page 362). This hurricane was first observed to eastward of the island of Dominica on 1st September and continued on a track somewhat west north westerly through Santo Domingo and Haiti, thence along northern coast of Cuba, emerging from western Cuba in a northerly direction, with a slow movement on its track, and decreased intensity towards Florida, U.S.A. and finally along the Atlantic coast of the United States into the Atlantic Ocean.

The barometric pressure at Kingston on the 3rd fell to 29.795 inches.

October. There were no tropical disturbances within barometric range of Jamaica in October.

"NORTHERS."

Fresh to brisk "northers" were experienced in Kingston in January, March, November and December.

At Morant Point in January, February, March, April, November and December. At Negril Point in March. At the northside of Island early in January and in April.

HAILSTORMS.

Hail fell at May Pen in Clarendon, on 9th May, and at Four Paths, Mocho and Clarendon Park, also several places in Manchester. During August, on 16th hail fell at Colchis Pen. In November on 20th hail was reported at places in lower St. Andrew and Kingston.

EARTHQUAKES.

Shocks of earthquake of slight to moderate intensity were reported as occurring at Kingston on 3rd and 6th March, and a sharp shock felt at all parts of the Island on 21st March. At Kingston the horizontal movement was 0.10 inch. At Kingston a slight shock on 26th April. At Swift River a moderate shock on 27th May—A moderate shock was experienced throughout the Island on 27th July, more so in the South Western Section. A slight shock at Clifton Hill on August 9th, also at Waireka on 4th September. No reports received of shocks in the months of January, February, June, October, November and December.

YEAR 1930.

METEOROLOGICAL RESULTS.

CITY OF KINGSTON.

The total rainfall at Public Works Building (Port Royal Street) was only 15.48 inches, the 60-year normal being 31.77 inches. The total number of rainy days was 72 as against the 49-year normal of 79.4. The May "season" rain was less than one-quarter the normal. The October rainfall was about one-half the normal. The second half of the year had double that of the first half. The mean temperature was 79.0° degrees, and the 33-year normal 78.7, extreme maximum temperature was 94.6 degrees on 22nd September and the lowest minimum 63.7 degrees on 9th January. The greatest monthly range of temperature was 26.4 degrees in September and the least range 20.6 degrees in August. The mean number of miles of wind per day was 196 as against the 20-year normal of 182. The total number of miles of wind was below normal only in the months of February and November. The mean relative humidity was 77% or 2% less than the 33 year average of 79%. Distant lightning and local thunderstorms were noted during the months of February and April to November.

NEGRIL POINT LIGHTHOUSE.

The total rainfall for 1930 at this station (extreme west of Jamaica) was 46.27 inches or 8.22 inches below its normal. There were 146 rainy days—with a maximum of 17 in April and September and a minimum of 4 in March. The greatest monthly rainfall occurred in May with 7.91 inches, and the least 0.34 inches in March. The months of January, February, April, June and July gauged above their normal, the remainder of the months was below—Distant lightning was observed from January to October.

The extreme maximum temperature was 93.5 degrees on 13th September, and the extreme minimum 60.6 degrees on 9th January giving an extreme annual range of 32.9 degrees. The greatest monthly range of 27.7 degrees occurred in January. The mean number of miles of wind per day was 207.

MORANT POINT LIGHTHOUSE.

The total rainfall (1930) at this station (extreme east of Jamaica) was 53.09 inches, much below the normal of 70.19 inches. There were 163 rainy days with a maximum of 20 in October and a minimum of 5 in August. The greatest monthly rainfall of 13.50 inches occurred in October and the least 0.33 inch in August. The months of April, June, July and October gauged above their normal the remainder of the months was below. Thunderstorms were observed—particularly in April, May, June and July.

The extreme maximum temperature was 89.3 degrees on the 3rd September and the extreme minimum 65.0 on 8th February and 16th March, giving an extreme annual range of 24.3 degrees. The greatest monthly range was 19.7 degrees in March and the least 11.6 degrees in January.

The mean number of miles of wind per day was 288, considerably more than the record at Negril Point and Kingston.